IN THE CLAIMS

Please amend the claims as follows:

Claim 1-24 (Cancelled):

Claim 25 (Currently Amended): A method for accessing one or more additional services temporarily included within a ~~respective~~ main service provided by a ~~respective~~ service provider, by means of a uni-directional broadcasting information flow ~~between a transmitting device and~~ from said service provider to a receiving device, ~~said method using a receiving device~~ adapted to be connected to said ~~respective~~ service provider, comprising the steps of:

extracting, from [[a]] said main service uni-directionally broadcasted ~~by said service provider~~ information flow presently received by said receiving device, service information about at least one of said ~~corresponding~~ additional services;

accessing at least one of said additional services about which service information was extracted ~~according to said respective extracted service information~~;

storing said extracted service information in said receiving device; [[and]]

updating said stored service information each time the extracting step is executed;

activating said receiving device, or necessary parts thereof, for receiving the main service during time intervals in which one or more additional services are sent from the service provider to said receiving device; and

returning said receiving device or said necessary parts thereof to a deactivated state during time intervals when the receiving device or necessary parts thereof are not activated, wherein said processes of activating and returning are performed on the basis of said stored service information or said latest extracted service information.

Claim 26 (Previously Presented): The method according to claim 25, wherein the extracting step further comprises extracting a service identification and a service name of at

least one of said additional services.

Claim 27 (Previously Presented): The method according to claim 25, wherein the extracting step further comprises extracting time information including transmission times of at least one of said additional services.

Claim 28 (Previously Presented). The method according to claim 25, wherein the extracting step further comprises extracting service channel information of at least one additional service showing which service channel will be used when transmitting a corresponding additional service from a corresponding service provider via said service channel to said receiving device, respectively.

Claim 29 (Previously Presented): The method according to claim 28, wherein the accessing step further comprises connecting said receiving device to at least one of said service channels according to said service channel information and said time information.

Claim 30 (Cancelled).

Claim 31 (Previously Presented): The method according to claim 25, further comprising:

managing the time order of different accessing processes, when said additional services assigned thereto are transmitted at the same time to said receiving device, respectively,

wherein said managing process is performed according to said stored service information or said latest extracted service information.

Claim 32 (Previously Presented): The method according to claim 25, further comprising subscribing to a service list containing entries representing available additional services of respective service providers,

wherein said process of subscribing changes said stored service information.

Claim 33 (Currently Amended): The method according to claim [[30]] 25, wherein,

[[if]] <u>when</u> the receiving device is in its activated state, only accessing additional services that are transmitted over service channels used by said main services presently received or that have a specific priority level.

Claim 34 (Previously Presented): The method according to claim 32, further comprising the step of eliminating subscribed services in said service list which have no specific priority level when the power resources of said receiving device fall below a predetermined limit.

Claim 35 (Previously Presented): The method according to claim 25, further comprising the step of monitoring all additional services provided by a corresponding service provider during the time in which said receiving device receives a main service from said corresponding service provider.

Claim 36 (Previously Presented): The method according to claim 25, further comprising the step of storing service data extracted from said at least one additional service, after having accessed them in the accessing step, in said receiving device, such that said stored service data are accessible.

Claim 37 (Currently Amended): A method of accessing at least one additional service temporarily included within a ~~respective~~ main service provided by a ~~respective~~ service provider by means of a uni-directional broadcasting information flow ~~between a transmitting device and~~ <u>from said service provider to</u> a receiving device, said accessing process using a receiving device connectable to said ~~respective~~ service provider, comprising the steps of:

extracting<u>,</u> from [[a]] <u>said</u> main service uni-directionally broadcasted ~~by said service provider~~ <u>information flow</u> presently received by said receiving device<u>,</u> service information about at least one of said ~~corresponding~~ additional services;

accessing at least one of said additional services about which service information was extracted ~~according to said respective extracted service information~~;

activating said receiving device or necessary parts thereof for receiving a service

during time intervals in which an addition service is transmitted from the ~~corresponding~~

service provider to said receiving device, and

returning said receiving device or said parts thereof ~~into the~~ to a deactivated state

~~before activation~~ during ~~the rest of the~~ time intervals when the receiving device or necessary

parts thereof are not activated,

wherein said processes of activating and returning are performed on the basis of

stored service information or latest extracted service information.

Claim 38 (Currently Amended): The method according to claim 37, wherein the

extracting step further comprises extracting a service ID and a service name of at least one of

said additional services to enable said receiving device to distinguish between different

services.

Claim 39 (Previously Presented): The method according to claim 37, wherein the

extracting step further comprises extracting time information including transmission times of

at least one of said additional services.

Claim 40 (Previously Presented): The method according to claim 37, wherein the

extracting step further comprises extracting service channel information of at least one

additional service showing which service channel will be used when transmitting a

corresponding additional service provider via said service channel to said receiving device,

respectively.

Claim 41 (Previously Presented): The method according to claim 40, wherein the

accessing step further comprises connecting said device to at least one of said service

channels according to said service channel information and said time information.

Claim 42 (Previously Presented): The method according to claim 37, further

comprising the step of storing said extracted service information in said receiving device.

Claim 43 (Previously Presented): The method according to claim 42, further comprising the step of updating said stored service information each time the extracting step is executed.

Claim 44 (Currently Amended): The method according to claim 37, further comprising the step of managing the time order of different accessing processes, [[if]] when said additional services assigned thereto are transmitted at the same time to said receiving device, respectively, said managing process being done according to said stored service information or said latest extracted service information.

Claim 45 (Previously Presented): The method according to claim 42, further comprising the step of subscribing to a service list containing entries representing available additional services of respective service providers, said process of subscribing changing said stored service information.

Claim 46 (Previously Presented): The method according to claim 37, further comprising the step of accessing additional services that are transmitted over service channels used by said main services presently received or that have a specific priority level, when the receiving device is in an activated state.

Claim 47 (Currently Amended): The method according to claim 45, further comprising the step of eliminating subscribed services in said service list which do not have a specific priority level [[if]] when the power resources of said receiving device fall below a predetermined limit.

Claim 48 (Previously Presented): The method according to claim 37, further comprising the step of monitoring all additional services provided by a corresponding service provider during the time in which said receiving device receives a main service from said corresponding service provider.

Claim 49 (Previously Presented): The method according to claim 37, further

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comprising the step of storing service data extracted from said at least one additional service after having accessed them in the accessing step in said receiving device, said stored service data being accessible.

Claim 50 (Currently Amended): The method of accessing at least one additional service temporarily included within a ~~respective~~ main service provided by a ~~respective~~ service provider by means of a uni-directional broadcasting information flow ~~between a transmitting device and~~ from said service provider to a receiving device, said accessing process using a receiving device connectable to said ~~respective~~ service provider, comprising the steps of:

extracting, from a main service uni-directionally broadcasted by said service provider presently received by said receiving device, service information about at least one of said ~~corresponding~~ additional services;

accessing at least one of said additional services about which service information was extracted ~~according to said respective extracted service information~~; [[and]]

when the receiving device is in its activated state, only accessing additional services that are transmitted over service channels used by said main services presently received or that have a specific priority level;

activating said receiving device or necessary parts thereof for receiving the main service during time intervals in which an additional service is transmitted from the service provider to said receiving device; and

returning said receiving device or said parts thereof to a deactivated state during time intervals when the receiving device or necessary parts thereof are not activated;

wherein said processes of activating and returning are performed on the basis of stored service information or latest extracted service information.

Claim 51 (Previously Presented): The method according to claim 50, wherein the

extracting step further comprises extracting a service identification and a service name of at least one of said additional services.

Claim 52 (Previously Presented): The method according to claim 50, wherein the extracting step further comprises extracting time information including transmission times of at least one of said additional services.

Claim 53 (Previously Presented): The method according to claim 50, wherein the extracting step further comprises extracting service channel information of at least one additional service showing which service channel will be used when transmitting a corresponding additional service from a corresponding service provider via said service channel to said receiving device, respectively.

Claim 54 (Previously Presented): The method according to claim 53, wherein the accessing step further comprises connecting said receiving device to at least one of said service channels according to said service channel information and said time information.

Claim 55 (Previously Presented): The method according to claim 50, further comprising the step of storing said extracted service information in said receiving device.

Claim 56 (Previously Presented): The method according to claim 55, further comprising the step of updating said stored service information each time the extracting step is executed.

Claim 57 (Cancelled).

Claim 58 (Currently Amended): The method according to claim 50, further comprising the step of:

managing the time order of different accessing processes, [[if]] when said additional services assigned thereto are transmitted at the same time to said receiving device, respectively,

wherein said managing process is performed according to said stored service

information or said latest extracted service information.

Claim 59 (Previously Presented): The method according to claim 55, further comprising the step of subscribing to a service list containing entries representing available additional services of respective service providers,

wherein said process of subscribing changes said stored service information.

Claim 60 (Currently Amended): The method according to claim 59, further comprising the step of eliminating subscribed services in said service list which do not have a specific priority level [[if]] when the power resources of said receiving device fall below a predetermined limit.

Claim 61 (Previously Presented): The method according to claim 50, further comprising the step of monitoring all additional services provided by a corresponding service provider during the time in which said receiving device receives a main service from said corresponding service provider.

Claim 62 (Previously Presented): The method according to claim 50, further comprising the step of storing service data extracted from said at least one additional service following the accessing step.

Claim 63 (Currently Amended): A broadcast signal transmitted, configured, and adapted for transmission as a uni-directional information flow comprising a main service from a ~~respective transmitting device of~~ a service provider to a receiving device for providing said receiving device with a main service, the broadcast signal comprising:

service information about at least one additional service provided by said service provider indicating how to access said at least one additional service; and

time information about transmission times of said at least one additional service,

wherein said time information is structured so that it comprises at least one relative time to a full hour [[if]] when said ~~corresponding~~ at least one additional service is transmitted

every hour, or at least one offset to the time of the beginning of the day plus at least one

repetition rate of said ~~corresponding~~ at least one additional service.

Claim 64 (Currently Amended): The broadcast signal according the claim 63, further

comprising service channel information about each of said at least one additional service

showing which service channel will be used when transmitting [[an]] said respective

additional service from a service provider via said service channel to said receiving device,

respectively.

Claim 65 (Currently Amended): The broadcast signal according the claim 63, further

comprising at least one of a service ID ~~and/or~~ or a service name ~~and/or~~ to enable said

receiving device to distinguish between different services or priority information of at least

one service indicating which of several additional services has the highest priority in case

said additional services are transmitted at the same time.

Claim 66 (Currently Amended): An apparatus for accessing at least one additional

service provided by at least one service provider by means of a uni-directional broadcasting

information flow ~~between a respective transmitting device of said at least one service~~

~~provider and~~ from said service provider to a receiving device of said apparatus, said

apparatus comprising:

receiving means connectable via at least one service channel to said at least one

service provider for receiving and extracting at least one additional service from a main

service uni-directionally broadcasted by said at least one service provider;

a user interface for informing a user and for controlling said apparatus by said user;

and

a processing unit connected to said receiving means and to said user interface, the

processing unit comprising:

a scheduler means connected to said processing unit for controlling said process of

accessing said at least one additional service;

a service information memory means for storing service information needed by said

scheduler means to control said apparatus; and

a service data memory means connected to said processing unit for storing service

data extracted by said receiving means from said at least one additional service according to

said service information,

wherein said scheduler means comprises a wake-up control means connected to said

receiving means and said processing unit for activating said receiving means and said

processing unit or necessary parts thereof for receiving [[a]] the main service during time

intervals in which an additional service is transmitted from the ~~corresponding~~ service

provider to said receiving device, returning said receiving device or said parts thereof to a

deactivated ~~into the~~ state ~~before activation~~ during ~~the rest of the~~ time intervals when the

receiving device or necessary parts thereof are not activated, said processes of activating and

returning being carried out on the basis of said stored service information or latest extracted

service information.

Claim 67 (Previously Presented): The apparatus according the claim 66, further

comprising a conditional access means to decrypt an encrypted service to permit access.